



INDIANA DEPARTMENT OF TRANSPORTATION

Driving Indiana's Economic Growth

Design Memorandum No. 12-11 **Technical Advisory**

June 6, 2012

TO: All Design, Operations, and District Personnel, and Consultants

FROM: /s/ David H. Boruff
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Technical Services Division

SUBJECT: Fluorescent-Yellow Sign Sheeting

ADDS: *Indiana Design Manual Section 75-4.07*

EFFECTIVE: September 12, 2012, Letting

System-wide application of fluorescent-yellow sign sheeting for horizontal alignment warning signs has been proven to enhance motorist recognition of changes in alignment, thereby reducing road-departure crashes. This sheeting should be used as follows.

Fluorescent-yellow sign sheeting should be specified for horizontal-alignment warning signs if the criteria are satisfied as follows.

1. flashing beacons for the horizontal-alignment warning sign are in place or needed;
2. there is a crash history of vehicle departures from the curved alignment;
3. the advisory speed for the curve is at least 15 mph lower than the posted speed in that highway segment; or
4. the district traffic office has determined that the added conspicuity is needed.

The affected sign series are as follows:

1. horizontal alignment, W1-1 through W1-5, W1-10, W1-11, and W1-15;

2. large arrow, W1-6;
3. chevron, W1-8. Additional chevron signs may be needed to satisfy *IMUTCD*, Table 2C-6;
4. advisory speed plaque, W13-1P; *and*
5. advisory exit speed, W13-2; advisory ramp speed, W13-3; and combination advisory exit and ramp speed, W13-6 and W13-7.

Fluorescent-yellow sheeting may be used for other types of warning signs only with approval of the Traffic Administration Office. Such request should be made similarly to a sign design exception. See [Operations Memorandum 06-02](#). A statement should accompany the request regarding the specific need or expected benefit, e.g., motorists are not recognizing the existing warning sign with type IV sheeting and crashes are resulting.

If fluorescent-yellow sign sheeting is required, it should be shown on the plans and sign summary tables, with the suffix FY added to the *MUTCD* sign code for the appropriate signs. The pay items are as follows:

802-11573, Sign, Sheet, With Legend, Fluorescent Yellow, 0.080”
802-11574, Sign, Sheet, With Legend, Fluorescent Yellow, 0.100”
802-11575, Sign, Sheet, With Legend, Fluorescent Yellow, 0.125”

The pay unit is square foot.

INDOT Standard Drawing 802-SNGS-05 has been revised to show the fluorescent-yellow-signs sheeting requirement. It is attached herewith.

DHB/alu
Attachment